

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**WWP #1**

**Situation:** Today, Joe walked 20 minutes at a rate of 3 miles per hour, and he ran 15 minutes at a rate of 6 miles per hour.

Find the rate of walking in miles per hour.

Find the rate that Joe ran in miles per hour.

How many total miles did Joe travel while walking and running?

**Situation:** Tomorrow, Joe wants to travel a total of 4 miles by walking and running. He plans to run for 20 minutes at a rate of 6 miles per hour. How many **minutes** should he walk at a rate of 3 miles per hour to finish traveling the 4 miles?

**What is this question asking?**

**How do you know? What information is necessary to complete this problem?**

**What strategy do you think you should use to solve this problem?**

**Find a solution:**

**Is your solution reasonable? Why/how do you know?**